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UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : LIU, et al.  
Serial No. : 10/606,256  
Filing Date : June 24, 2003  
Examiner : Sanza L. McClendon  
Group Art Unit : 1711  
Entitled : "Molecular weight reduction  
of polysaccharides by  
electron beams"

Suite 2400  
1601 Market Street  
Philadelphia, PA 19103  
(215) 563-4100 (telephone)  
(215) 563-4044 (facsimile)  
Our File No. Rhodia.02035

**Certificate of Mailing Under 37 C.F.R. §1.8(a):**

I hereby certify that this correspondence is being deposited on November 8, 2005 with the United States Postal Service as first-class mail in an envelope properly addressed to the Mail Stop: AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*L. C. Fischer*

Lynn C. Fischer, Esq.

Mail Stop: AMENDMENT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §1.97**

Dear Sir:

I. INTRODUCTION

In compliance with the duty of disclosure set forth in 37 C.F.R. § 1.56, Applicants are submitting herewith a Form PTO-1449 listing certain patent and other documents which the Examiner is respectfully requested to consider and make of record

in this application. This Information Disclosure Statement is being filed more than three months after the filing date of this application, and after receipt of the first Official Action on the merits, but before receipt of a Final Official Action or a Notice of Allowance. Accordingly, the \$180.00 fee required under 37 C.F.R. 1.97(c) is enclosed.

## II. REMARKS

### A. Enclosures to Information Disclosure Statement

Enclosed herewith please find a completed "Substitute for form 1449A/PTO" which identifies the Foreign Patent Documents being made of record. Pursuant to 37 C.F.R. §1.98, copies of foreign patent documents are enclosed.

This submission is not an admission that the references listed on the attached Form PTO-1449 constitute prior art against the claims of this application.

## III. ACTION REQUESTED

The Examiner is respectfully requested to confirm receipt and consideration of the cited references by initialing and returning a copy of the attached Form PTO-1449 in accordance with MPEP §609.

## IV. AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT

In the event that a fee is required, the Commissioner is authorized to charge Deposit Account No. 04-1406 of the undersigned attorneys. A duplicate copy of this sheet is enclosed.

V. CONCLUSION

Early and favorable consideration of this application  
is respectfully requested.

Respectfully submitted,  
DANN, DORFMAN, HERRELL AND SKILLMAN  
A Professional Corporation  
Attorney for Applicants

By: John S. Child, Jr.  
John S. Child, Jr.  
Registration No. 28,833

JSC:LCF

Enclosures - Form PTO-1449

- Copy of references listed on Form 1449

# INFORMATION DISCLOSURE STATEMENT



SHEET 1

*Complete if known*

Application Number: 10/606,256

Filing Date: January 24, 2003

First Named Inventor: Liu, et al.

Group Art Unit: 1711

Examiner Name: Sanza L. McClendon

Our File No. Rhodia.02035US

## UNITED STATES PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE MM-DD-YYYY	FIRST NAMED INVENTOR
	A1	5,273,767	12-28-1993	Burgum
	A2	6,383,344	05-07-2002	Miller
	A3	5,916,929	06-29-1999	Knobel
	A4	3,974,077	08-10-1976	Free
	A5	4,657,080	04-14-1987	Hodge
	A6	4,686,052	08-11-1987	Baranet
	A7	5,756,720	05-26-1998	Chowdhary
	A8	6,242,035	06-05-2001	Clark
	A9	1,255,723	02-05-1918	Ewen
	A10	2,895,891	07-21-1959	Miller
	A11	3,766,031	10-16-1973	Dillon
	A12	4,021,355	05-03-1977	Holtmyer
	A13	4,057,509	11-08-1977	Costanza
	A14	4,105,665	08-08-1978	Harnisch
	A15	4,143,007	03-06-1979	DeMartino
	A16	4,169,945	10-02-1979	DeGuia
	A17	4,505,826	03-19-1985	Horton
	A18	5,352,277	10-04-1994	Sasaki
	A19	5,366,755	11-22-1994	Timonen
	A20	5,422,134	06-06-1995	Hart
	A21	5,525,368	06-11-1996	Rha
	A22	5,569,483	10-29-1996	Timonen
	A23	5,688,775	11-18-1997	Renn
	A24	5,738,836	04-14-1998	Gan
	A25	6,486,138	11-26-2002	Asgharian

EXAMINER'S SIGNATURE		DATE CONSIDERED	
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw a line through citation if citation not in conformance and reference not considered. Include a copy of this form with next communication to applicant.

<b>INFORMATION DISCLOSURE STATEMENT</b>	<i>Complete if known</i>
	Application Number: 10/606,256
	Filing Date: January 24, 2003
	First Named Inventor: Liu, et al.
	Group Art Unit: 1711
	Examiner Name: Sanza L. McClendon
SHEET 2 OF 2	Our File No. Rhodia.02035US

FOREIGN PATENT DOCUMENTS					
EXAMINER'S INITIALS	CITE NO.	DOCUMENT NUMBER	COUNTRY OR REGION	DATE OF PUBLICATION MM-DD-YYYY	FIRST NAMED INVENTOR OR APPLICANT
	B1	GB1,255,723	Great Britain	12-01-1971	G. J. Atchison
	B2	EP 0559418	Europe	09-08-1993	Texas United Chemical Corporation
	B3	WO 0212388	PCT	02-14-2002	Hercules Incorporated

OTHER PRIOR ART - NON-PATENT DOCUMENTS		
EXAMINER'S INITIALS	CITE NO.	Include name of the author (in Capital Letters), title of the article (when appropriate), title of the item(book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published
	C1	KING, et al., "The effect of Gamma Irradiation on Guar Gum, Locust Bean Gum (Gum Tragacanth) and Gum Karaya," Food Hydrocolloids, Volume VI, No. 6, pp. 559-569, (1993).

EXAMINER'S SIGNATURE		DATE CONSIDERED	
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